

## CLAIMS

What is claimed is:

- 1           1.     A bearing, comprising a cylindrical bearing surface supporting a  
2     spherical journal surface.
- 1           2.     A bearing, comprising a spherical surface inside and rotatable against a  
2     cylindrical surface.
- 1           3.     A bearing, comprising at least part of a sphere inside and rotatable  
2     against a cylinder.
- 1           4.     A bearing, comprising a bearing surface supporting a journal surface  
2     along a line.
- 1           5.     The bearing of Claim 4, wherein the bearing surface comprises a  
2     cylindrical bearing surface and the journal surface comprises a spherical journal  
3     surface.
- 1           6.     A device, comprising a shaft having a spherical journal surface  
2     supported inside and rotatable against a cylindrical bearing surface.
- 1           7.     A device, comprising a cylindrical bearing supporting a spherical  
2     journal.
- 1           8.     A device, comprising a shaft, a first spherical journal on a first part of  
2     the shaft, a second spherical journal on a second part of the shaft, a first cylindrical  
3     bearing supporting the first journal and a second cylindrical bearing supporting the  
4     second journal.
- 1           9.     A sheet media feed mechanism, comprising:  
2     a chassis;  
3     a motor mounted to the chassis;

4 a rotatable shaft operatively coupled to the motor;  
5 a roller affixed to the shaft;  
6 an idler disposed opposite the roller, the idler and the roller engagable with  
7 one another to form a nip therebetween;  
8 bearings mounted to the chassis and supporting the shaft, each bearing  
9 having a cylindrical inner bearing surface; and  
10 the shaft having a spherical journal surface inside and rotatable against each  
11 bearing surface.

1 10. The mechanism of Claim 9, wherein each bearing includes a bushing  
2 defining the bearing surface and a body holding the bushing.

1 11. The mechanism of Claim 10, wherein each bushing is pressed or over-  
2 molded into the body of the bearing.

1 12. The mechanism of Claim 11, further comprising a part mounting each of  
2 the bearings to the chassis.

1 13. The mechanism of Claim 11, further comprising a part mounting each of  
2 the bearings to the chassis and the body of each bearing is integral with the  
3 mounting part.

1 14. A printer, comprising:  
2 a chassis;  
3 a print engine;  
4 a feed mechanism operative to move media sheets along a media path  
5 through the print engine;  
6 a printer controller configured to control the operation of the print engine and  
7 the feed mechanism; and  
8 the feed mechanism including  
9 a motor mounted to the chassis,  
10 a rotatable shaft operatively coupled to the motor,  
11 a roller affixed to the shaft,

12                   an idler disposed opposite the roller, the idler and the roller engagable  
13                   with one another to form a nip therebetween,  
14                   bearings mounted to the chassis and supporting the shaft, each bearing  
15                   having a cylindrical inner bearing surface, and  
16                   the shaft having a spherical journal surface inside and rotatable against  
17                   each bearing surface.